a device connector adapted to be connected to a perfusion device, said device connector having a connector configuration different than said connector configuration of said common connector; and

means for controlling electrical power to said perfusion device and for generating messages, in the form of a digital data packet, for said main controller and said perfusion device.

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~~18~~. (Twice Amended) An adapter pod for use in a medical perfusion system, said medical perfusion system having a main controller and a data communications network with a plurality of connection points, each connection point having a substantially identical network connector, said adapter pod comprising:

a housing;

a common connector associated with said housing, said common connector adapted to be connected to one of said identical network connectors and having a connector configuration;

a device connector associated with said housing, said device connector being adapted to be connected to a perfusion device and having a connector configuration different than said connector configuration of said common connector; and

a controller disposed within said housing, said controller controls electrical power to said perfusion device and being adapted to generate messages, in the form of digital data packets, for communication with said main controller and said perfusion device.

6 21. (Twice Amended) An adapter pod for use in a medical perfusion system, said medical perfusion system having a main controller and a data communications network with a plurality of connection points, each connection point having a substantially identical network connector, said adapter pod comprising:

a housing;

a common connector associated with said housing, said common connector adapted to be connected to one of said identical network connectors and having a connector configuration;

4/3 a device connector associated with said housing, said device connector being adapted to be connected to a perfusion device and having a connector configuration different than said connector configuration of said common connector;

a power supply circuit; and

a controller disposed within said housing, said controller being adapted to generate messages, in the form of digital data packets, for communication with said main controller and said perfusion device and said controller being coupled to said power supply circuit and controls electrical power to said perfusion device.